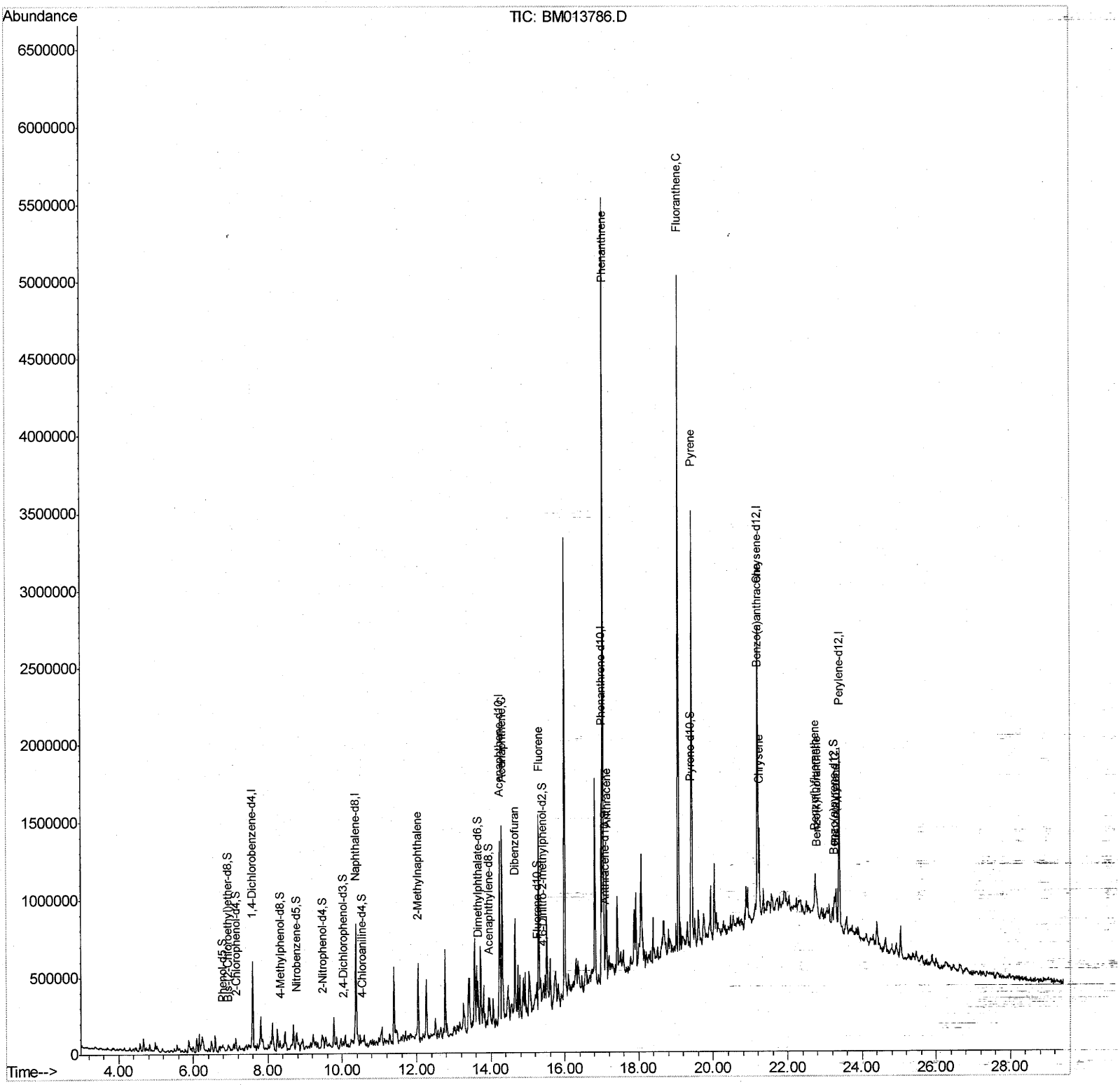
Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 25 04:22:51 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 03:36:03 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F6A48DL

Manual Integrations APPROVED
Sohil
1/25/2018 5:35:42 PM



Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
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ClientSampleId :
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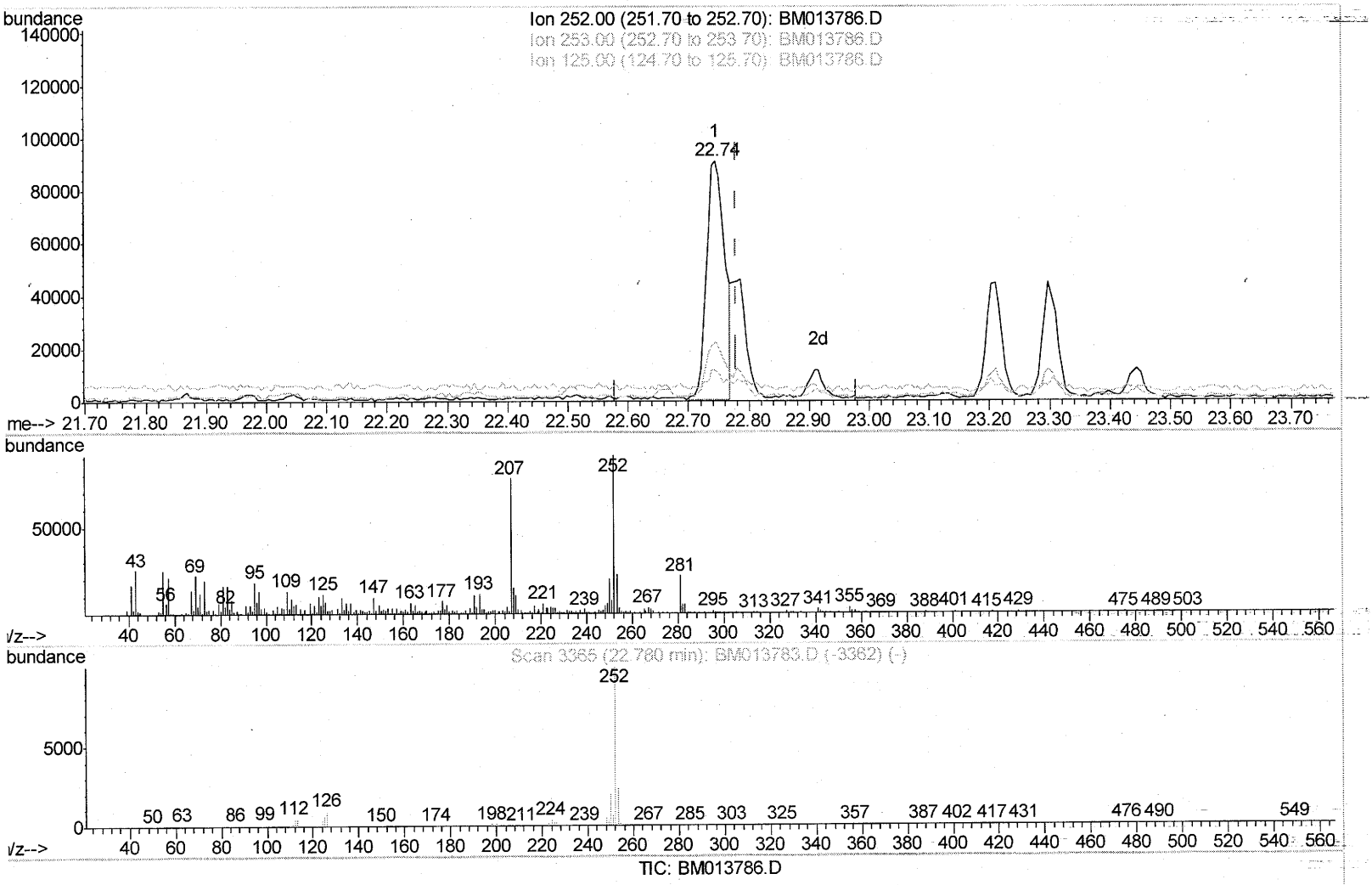
Manual Integrations APPROVED
Sohil
1/25/2018 5:35:42 PM



(86) Benzo(k)fluoranthene

22.744min (-0.035) 3.91ng/ul

response 189615

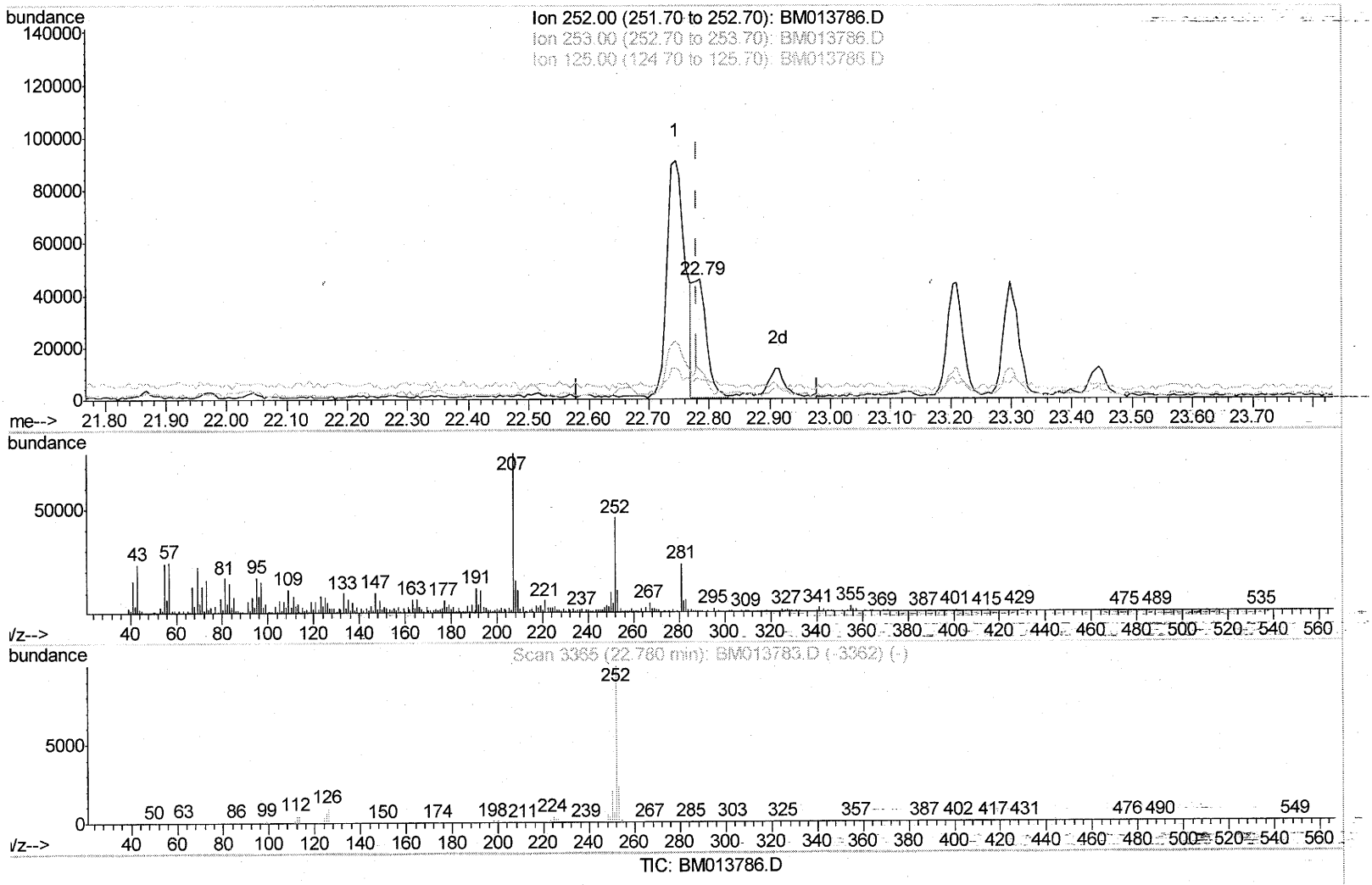
Ion	Exp%	Act%
252.00	100	100
253.00	21.40	24.73
125.00	4.30	12.79#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 25 03:37:01 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 03:36:03 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F6A48DL

Manual Integrations APPROVED
Sohil
1/25/2018 5:35:42 PM



TIC: BM013786.D

(86) Benzo(k)fluoranthene

22.786min (+0.006) 1.52ng/ul m SJ 1/27/18

response 73666

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.49
125.00	4.30	16.24#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\Data\BM012418\
Data File : BM013786.D
Acq On : 25 Jan 2018 02:01
Operator : SJ/JU
Sample : J1174-13DL 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6A48DL

Manual Integrations
APPROVED
Sohil
1/25/2018 5:35:42 PM

Quant Time: Jan 25 04:22:51 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 25 03:36:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	142412	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	591436	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.25	164	343698	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.00	188	742278	20.00	ng/ul	0.00
75) Chrysene-d12	21.20	240	806321	20.00	ng/ul	0.00
83) Perylene-d12	23.39	264	816508	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	700	0.19	ng/uL	0.00
5) Phenol-d5	6.79	99	22775	2.08	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.94	67	19007	2.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	18071	2.03	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	17208	2.05	ng/ul	0.01
19) Nitrobenzene-d5	8.76	128	9765	2.13	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	10230	2.11	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.02	165	17944	1.92	ng/ul	0.02
29) 4-Chloroaniline-d4	10.53	131	11769	1.45	ng/ul	0.01
43) Dimethylphthalate-d6	13.66	166	65015	2.30	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	79998	2.21	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	867	0.19	ng/ul	0.00
57) Fluorene-d10	15.24	176	60339	2.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.40	200	6670	1.49	ng/ul	0.02
70) Anthracene-d10	17.10	188	89503	2.48	ng/ul	0.00
76) Pyrene-d10	19.40	212	99082	2.64	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.25	264	93015	2.48	ng/ul	0.00
Target Compounds						Qvalue
34) 2-Methylnaphthalene	12.04	142	240309	10.954	ng/ul	93
49) Acenaphthene	14.31	153	467419	20.420	ng/ul	99
53) Dibenzofuran	14.65	168	157294	4.568	ng/ul	93
58) Fluorene	15.30	166	488225	17.308	ng/ul	98
69) Phenanthrene	17.04	178	2870960	69.582	ng/ul	99
71) Anthracene	17.13	178	407249	9.569	ng/ul	96
74) Fluoranthene	19.07	202	2484298	50.441	ng/ul#	95
77) Pyrene	19.43	202	1730327	35.299	ng/ul#	96
80) Benzo(a)anthracene	21.19	228	276378	5.673	ng/ul	98
82) Chrysene	21.24	228	333313	7.457	ng/ul	98
85) Benzo(b)fluoranthene	22.74	252	189615	3.781	ng/ul#	92
86) Benzo(k)fluoranthene	22.79	252	73666m	1.520	ng/ul	
88) Benzo(a)pyrene	23.30	252	73789	1.558	ng/ul#	90

-SJ 1/27/18

(#) = qualifier out of range (m) = manual integration (+) = signals summed